



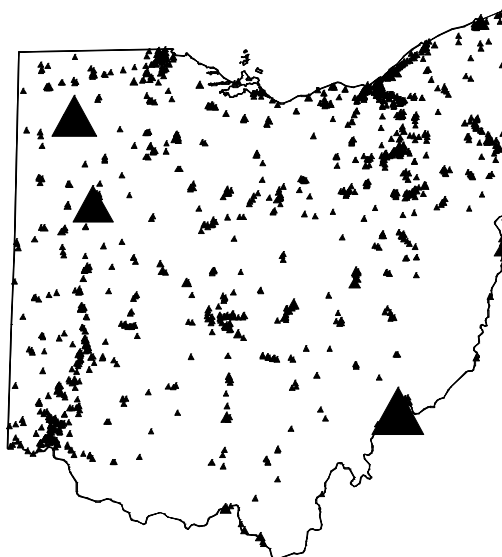
1997 TOXICS RELEASE INVENTORY

OHIO

State/TRI Data

Population	11,192,932
Square Miles	40,953
Total Facilities	1,589
Total Forms	5,257
Form As	747

National Rank for Total On- and Off-site Releases <i>(includes transfers out-of-state for disposal)</i>	
Rank	3
Pounds	158,675,833
National Rank for Total On-site Releases <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	3
Pounds	113,127,277
National Rank for Total Releases within State <i>(excludes transfers out-of-state for disposal)</i>	
Rank	2
Pounds	213,002,857
National Rank for Production-related Waste Managed	
Rank	6
Pounds	881,679,237



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Ohio. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	113,127,277
Air Emissions	66,806,601
Surface Water Discharges	6,061,775
Underground Injection Class I Wells	11,584,640
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	2,837,300
Other On-site Land Releases	25,836,961
Off-site Releases (Transfers Off-site to Disposal)	45,548,556
Total On- and Off-site Releases	158,675,833
Recycled On-site	217,112,974
Recycled Off-site	188,951,868
Energy Recovery On-site	108,525,378
Energy Recovery Off-site	38,359,015
Treated On-site	140,033,290
Treated Off-site	34,935,397
Quantity Released On- and Off-site	153,761,315
<i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	
Total Production-related Waste Managed	881,679,237
Total Non-production-related Waste Managed	3,464,602

Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
7440-66-6	Zinc compounds	259,810	13,908	0	0	270,864	10,544,019	33,973,732	8,034,012	870,968	53,096,345
	Manganese compounds	460,200	804,160	250	0	310,000	12,088,355	5,147,623	11,370,007	226,288	30,180,595
7664-41-7	Zinc (fume or dust)	95,232	755	0	0	0	600	10,074,746	6,462,939	102,274	16,634,272
463-58-1	Ammonia	10,785,022	404,628	1,777,700	0	0	56,993	161,901	214,644	28,663	13,400,888
	Carbonyl sulfide	5,226,032	0	0	0	0	0	0	0	0	5,226,032

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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OHIO

Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Elkem Metals Co., Marietta, Washington	4,424,776	784,000	0	0	0	10,479,000	15,687,776	0	124,000
General Motors Powertrain, Defiance, Defiance	951,704	44,278	0	0	0	12,405,339	13,401,321	853	770
BP Chemicals Inc., Lima, Allen	329,765	0	11,582,920	0	0	0	11,912,685	390	1,000
Mellennium Inorganic Chemicals, Ashtabula, Ashtabula	3,510,892	140,000	0	0	0	0	3,650,892	2,850,000	0
PCS Nitrogen of Ohio L.P., Lima Allen	2,825,285	48,855	0	0	0	0	2,874,140	0	0

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Elkem Metals Co., Marietta, Washington	8,000	34,000	0	0	17,000	0	15,811,776	15,870,776	0
General Motors Powertrain, Defiance, Defiance	0	0	0	0	310,100	22,146	13,800,410	14,132,656	0
BP Chemicals Inc., Lima, Allen	3,405,000	0	7,634,410	0	3,146,000	18,590	11,946,675	26,150,675	0
Mellennium Inorganic Chemicals, Ashtabula, Ashtabula	0	0	0	0	2,800,960	0	6,510,932	9,311,892	0
Timken Co., Canton, Stark	272,100	112,800	0	0	0	0	5,481,000	5,865,900	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

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